

**United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101**

Date: 08/22/2003

Subject: Transmittal of Sample Analysis Results for ASR #: 2102

Project ID: JRMAWS

Project Description: Atlantic Water Supply - RA/SE sampling

From: 
Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Jim MacDonald
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition memo for this ASR.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Site:	Atlantic WS
ID #:	Ad 039954300
Break:	2.1
Other:	A72 QAF
	8-22-03

Project Manager: Jim MacDonald**Org:** SUPR/ER&R**Phone:** 913-551-7767**Project ID:** JRMAWS**Project Desc:** Atlantic Water Supply - RA/SE sampling**Location:** Atlantic**State:** Iowa**Program:** Superfund**Site Name:** Multi-Site - General**Site ID:** 07ZZ **Site OU:** 00**Purpose:** Site Preliminary Assessment**Explanation of Codes, Units and Qualifiers used on this report****Sample QC Codes:** QC Codes identify the type of sample for quality control purpose.**Units:** Specific units in which results are reported.

___ = Field Sample
FB = Field Blank
FD = Field Duplicate

ug/L = Micrograms per Liter

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.

R = The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

U = The analyte was not detected at or above the reporting limit.

ASR Number: 2102

Sample Information Summary

08/20/2003

Project ID: JRMAWS

Project Desc: Atlantic Water Supply - RA/SE sampling

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 - ___		Water	Municipal Well #7		07/29/2003	11:21			07/30/2003
1 - FD		Water	Municipal Well #7/Field Duplicate of sample 1		07/29/2003	11:21			07/30/2003
2 - ___		Water	Municipal Well #6		07/29/2003	12:07			07/30/2003
3 - ___		Water	MW-3/Passive Diffusion bag sample		07/29/2003	13:50			07/30/2003
3 - FD		Water	MW-3/Passive Diffusion bag sample/Field Duplicate of sample 3		07/29/2003	13:50			07/30/2003
4 - ___		Water	MW-3/Bailer sample		07/29/2003	14:30			07/30/2003
4 - FD		Water	MW-3/Bailer sample/Field Duplicate of sample 4		07/29/2003	14:30			07/30/2003
5 - ___		Water	MW-1/Passive Diffusion bag sample		07/29/2003	15:00			07/30/2003
6 - ___		Water	MW-1/Bailer sample		07/29/2003	15:35			07/30/2003
7 - ___		Water	MW-2/PDB sample		07/29/2003	15:55			07/30/2003
8 - ___		Water	MW-2/Bailer sample		07/29/2003	16:30			07/30/2003
11 - FB		Water	Field Blank sample		07/29/2003	11:44			07/30/2003
13 - FB		Water	LDL VOA Trip Blank sample		07/22/2003	07:34			07/30/2003

Analysis Comments About Results For This Analysis

1 VOCs in Water by GC/MS**Lab:** Contract Lab Program (Out-Source)**Method:** CLP Statement of Work**Samples:** 1-__ 1-FD 2-__ 3-__ 3-FD 4-__ 4-FD
 5-__ 6-__ 7-__ 8-__ 11-FB 13-FB**Comments:**

The reporting limits are elevated in sample -7 (20X) due to dilutions.

1,2-Dibromo-3-chloropropane in samples -8, -11FB, and -13FB was invalidated due to unacceptably low initial and continuing calibration relative response factors (RRFs).

ASR Number: 2102
Project ID: JRMAWS

RLAB Approved Sample Analysis Results
Project Desc: Atlantic Water Supply - RA/SE sampling

08/20/2003

Analysis/ Analyte	Units	1-__	1-FD	2-__	3-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U
Chloroform	ug/L	10 U	10 U	10 U	10 U
Chloromethane	ug/L	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromoethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
Ethyl Benzene	ug/L	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U
Methyl Acetate	ug/L	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	140	140	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	10 U	10 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	10 U	10 U	10 U

ASR Number: 2102

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Project ID: JRMAWS

Project Desc: Atlantic Water Supply - RA/SE sampling

Analysis/ Analyte	Units	1-__	1-FD	2-__	3-__
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	10 U
total Xylene	ug/L	10 U	10 U	10 U	10 U

ASR Number: 2102
Project ID: JRMAWS

RLAB Approved Sample Analysis Results
Project Desc: Atlantic Water Supply - RA/SE sampling

08/20/2003

Analysis/ Analyte	Units	3-FD	4-__	4-FD	5-__
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	10 U	10 U	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U
Bromomethane	ug/L	10 U	10 U	10 U	10 U
2-Butanone	ug/L	10 U	10 U	10 U	10 U
Carbon Disulfide	ug/L	10 U	10 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U
Chloroform	ug/L	10 U	10 U	10 U	10 U
Chloromethane	ug/L	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dibromoethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U
Ethyl Benzene	ug/L	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U
Methyl Acetate	ug/L	10 U	10 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	10 U	10 U	10 U
Methylcyclohexane	ug/L	10 U	10 U	10 U	10 U
Methylene Chloride	ug/L	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	10 U	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	10 U	10 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	10 U	10 U	10 U

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Project ID: JRMAWS

Project Desc: Atlantic Water Supply - RA/SE sampling

Analysis/ Analyte	Units	3-FD	4-__	4-FD	5-__
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	10 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	10 U	10 U	10 U
total Xylene	ug/L	10 U	10 U	10 U	10 U

Analysis/ Analyte	Units	6-__	7-__	8-__	11-FB
1 VOCs in Water by GC/MS					
Acetone	ug/L	10 U	200 U	10 U	40
Benzene	ug/L	10 U	200 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	200 U	10 U	10 U
Bromoform	ug/L	10 U	200 U	10 U	10 U
Bromomethane	ug/L	10 U	200 U	10 U	10 U
2-Butanone	ug/L	10 U	200 U	10 U	19
Carbon Disulfide	ug/L	10 U	200 U	10 U	10 U
Carbon Tetrachloride	ug/L	10 U	200 U	10 U	10 U
Chlorobenzene	ug/L	10 U	200 U	10 U	10 U
Chloroethane	ug/L	10 U	200 U	10 U	10 U
Chloroform	ug/L	10 U	200 U	10 U	10 U
Chloromethane	ug/L	10 U	200 U	10 U	10 U
Cyclohexane	ug/L	10 U	200 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	ug/L	10 U	200 U	N/A R	N/A R
Dibromochloromethane	ug/L	10 U	200 U	10 U	10 U
1,2-Dibromoethane	ug/L	10 U	200 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	200 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	200 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	200 U	10 U	10 U
Dichlorodifluoromethane	ug/L	10 U	200 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	200 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	200 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	200 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	200 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	200 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	200 U	10 U	10 U
cis-1,3-Dichloropropene	ug/L	10 U	200 U	10 U	10 U
trans-1,3-Dichloropropene	ug/L	10 U	200 U	10 U	10 U
Ethyl Benzene	ug/L	10 U	200 U	10 U	10 U
2-Hexanone	ug/L	10 U	200 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	200 U	10 U	10 U
Methyl Acetate	ug/L	10 U	200 U	10 U	10 U
Methyl tert-butyl ether	ug/L	10 U	200 U	10 U	10 U
Methylcyclohexane	ug/L	10 U	200 U	10 U	10 U
Methylene Chloride	ug/L	10 U	200 U	10 U	10 U
4-Methyl-2-Pentanone	ug/L	10 U	200 U	10 U	10 U
Styrene	ug/L	10 U	200 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	200 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	940	5300	10 U
Toluene	ug/L	10 U	200 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	200 U	10 U	10 U
1,1,1-Trichloroethane	ug/L	10 U	200 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	200 U	10 U	10 U
Trichloroethene	ug/L	10 U	200 U	10 U	10 U
Trichlorofluoromethane	ug/L	10 U	200 U	10 U	10 U

ASR Number: 2102
Project ID: JRMAWS

RLAB Approved Sample Analysis Results
Project Desc: Atlantic Water Supply - RA/SE sampling

08/20/2003

Analysis/ Analyte	Units	6-__	7-__	8-__	11-FB
1,1,2-Trichlorotrifluoroethane	ug/L	10 U	200 U	10 U	10 U
Vinyl Chloride	ug/L	10 U	200 U	10 U	10 U
total Xylene	ug/L	10 U	200 U	10 U	10 U

ASR Number: 2102
Project ID: JRMAWS

RLAB Approved Sample Analysis Results
Project Desc: Atlantic Water Supply - RA/SE sampling

08/20/2003

Analysis/ Analyte	Units	13-FB
1 VOCs in Water by GC/MS		
Acetone	ug/L	10 U
Benzene	ug/L	10 U
Bromodichloromethane	ug/L	10 U
Bromoform	ug/L	10 U
Bromomethane	ug/L	10 U
2-Butanone	ug/L	10 U
Carbon Disulfide	ug/L	10 U
Carbon Tetrachloride	ug/L	10 U
Chlorobenzene	ug/L	10 U
Chloroethane	ug/L	10 U
Chloroform	ug/L	10 U
Chloromethane	ug/L	10 U
Cyclohexane	ug/L	10 U
1,2-Dibromo-3-Chloropropane	ug/L	N/A R
Dibromochloromethane	ug/L	10 U
1,2-Dibromoethane	ug/L	10 U
1,2-Dichlorobenzene	ug/L	10 U
1,3-Dichlorobenzene	ug/L	10 U
1,4-Dichlorobenzene	ug/L	10 U
Dichlorodifluoromethane	ug/L	10 U
1,1-Dichloroethane	ug/L	10 U
1,2-Dichloroethane	ug/L	10 U
1,1-Dichloroethene	ug/L	10 U
cis-1,2-Dichloroethene	ug/L	10 U
trans-1,2-Dichloroethene	ug/L	10 U
1,2-Dichloropropane	ug/L	10 U
cis-1,3-Dichloropropene	ug/L	10 U
trans-1,3-Dichloropropene	ug/L	10 U
Ethyl Benzene	ug/L	10 U
2-Hexanone	ug/L	10 U
Isopropylbenzene	ug/L	10 U
Methyl Acetate	ug/L	10 U
Methyl tert-butyl ether	ug/L	10 U
Methylcyclohexane	ug/L	10 U
Methylene Chloride	ug/L	10 U
4-Methyl-2-Pentanone	ug/L	10 U
Styrene	ug/L	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U
Tetrachloroethene	ug/L	10 U
Toluene	ug/L	10 U
1,2,4-Trichlorobenzene	ug/L	10 U
1,1,1-Trichloroethane	ug/L	10 U
1,1,2-Trichloroethane	ug/L	10 U
Trichloroethene	ug/L	10 U
Trichlorofluoromethane	ug/L	10 U

ASR Number: 2102
Project ID: JRMAWS

RLAB Approved Sample Analysis Results
Project Desc: Atlantic Water Supply - RA/SE sampling

08/20/2003

Analysis/ Analyte	Units	13-FB
1,1,2-Trichlorotrifluoroethane	ug/L	10 U
Vinyl Chloride	ug/L	10 U
total Xylene	ug/L	10 U

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print) <u>Jim MacDonald</u>	NAME OF SURVEY OR ACTIVITY <u>Atlantic Groundwater</u>	DATE OF COLLECTION <u>7</u> <u>29</u> <u>03</u> DAY MONTH YEAR	SHEET <u>1</u> of <u>1</u>
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CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS					SAMPLED MEDIA					RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)	
	CUBITAINER	BOTTLE	BOTTLE	BOTTLE	VDA SET (2 VIALS EA)	water	soil	sediment	dust	other		
												NUMBERS OF CONTAINERS PER SAMPLE NUMBER
2102-1	1				2	✓						double volume All samples were redefined & sent to the lab. for routine VPA analysis per instructions from the field contractor 7/31/03
2102-1-FD	1				1	✓						
2102-11-FB	1				1	✓						
2102-2	1				1	✓						
2102-3	1				1	✓						
2102-3-FD	1				1	✓						
2102-4	1				1	✓						
2102-4-FD	1				1	✓						
2102-13-FB	1				2	✓						
2102-5	1				1	✓						
2102-6	1				1	✓						
2102-7	1				1	✓						
2102-8	1				1	✓						
<div style="position: relative;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(to bottom right, transparent 49%, black 49% 51%, black 51% 53%, transparent 53%);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;"> 07/29/03 </div> </div>											All samples submitted Samples rec'd Del. 3-5°C	

DESCRIPTION OF SHIPMENT _____ PIECE(S) CONSISTING OF _____ BOX(ES) _____ ICE CHEST(S): OTHER _____	MODE OF SHIPMENT <input checked="" type="checkbox"/> COMMERCIAL CARRIER: <u>Fed Ex</u> _____ COURIER _____ SAMPLER CONVEYED <div style="text-align: right;"> <u>836412909021</u> (SHIPPING DOCUMENT NUMBER) </div>
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PERSONNEL CUSTODY RECORD			
RELINQUISHED BY (SAMPLER) <div style="background-color: black; width: 100px; height: 30px;"></div>	DATE <u>07/29/03</u>	TIME <u>1700</u>	RECEIVED BY <u>Nicholas</u>
<input checked="" type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED			
RELINQUISHED BY <input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	DATE 	TIME 	RECEIVED BY <u>1000</u>
RELINQUISHED BY <input type="checkbox"/> SEALED <input type="checkbox"/> UNSEALED	DATE 	TIME 	RECEIVED BY

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 1 QC Code: Matrix: Water Tag ID: 2102-1-

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Municipal Well #17

External Sample Number:

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: Sample Collection: Start: 01/29/03 11:21
Longitude: End: 01/29/03 11:21

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS

Sample Comments:

(N/A)

collected double volume

Sample Collected By:

Sample Collection Field Sheet

US EPA Region 7
Kansas City, KS

ASR Number: 2102 Sample Number: 12 QC Code: ED Matrix: Water Tag ID: 2102-12-ED

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Municipal Well #1

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: _____ Sample Collection: Start: 07/29/03 11:21
Longitude: _____ End: 07/29/03 11:21

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A)

Field Duplicate for sample 2102-1

Sample Collected By: Steve Holmes

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 2 QC Code: ___ Matrix: Water Tag ID: 2102-2-___

Project ID: JRMAWS

Project Manager: Jim MacDonald

Project Desc: Atlantic Water Supply - RA/SE sampling

City: Atlantic

State: Iowa

Program: Superfund

Site Name: Multi-Site - General

Site ID: 07ZZ Site OU: 00

Location Desc: Municipal Well #6

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: _____

Sample Collection: Start: 01/21/03 12:07

Longitude: _____

End: 01/21/03 12:07

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS

Sample Comments:

(N/A)

Sample Collected By: 

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 3 QC Code: Matrix: Water Tag ID: 2102-3-

Project ID: JRMAWS

Project Manager: Jim MacDonald

Project Desc: Atlantic Water Supply - RA/SE sampling

City: Atlantic

State: Iowa

Program: Superfund

Site Name: Multi-Site - General

Site ID: 07ZZ Site OU: 00

Location Desc: MW-3, passive diffusion bag sample

External Sample Number:

Expected Conc: (or Circle One: ☒ Low ☐ Medium ☐ High) Date Time(24 hr)

Latitude:

Sample Collection: Start: 01/21/03

13:50

Longitude:

End: 01/21/03

13:50

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS

Sample Comments:

(N/A) - sample collected from passive diffusion bag (PDB)
- duplicate collected, 2102-3-FD

Sample Collected By:

Sample Collection Field Sheet

US EPA Region 7
Kansas City, KS

ASR Number: 2102 Sample Number: 3 QC Code: FD Matrix: Water Tag ID: 2102-3-FD

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-3, passive diffusion bag sample

External Sample Number: _____

Expected Conc: _____ (or Circle One: ☒ Low Medium High) Date _____ Time(24 hr) _____
Latitude: _____ Sample Collection: Start: 07/21/03 13:50
Longitude: _____ End: 07/21/03 13:50

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A)
- sample collected from passive diffusion bag (PDB)
- duplicate of 2102-3

Sample Collected By: _____

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 4 QC Code: __ Matrix: Water Tag ID: 2102-4-__

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-3, Bailer

External Sample Number: _____

Expected Conc: (or Circle One) Low Medium High Date Time(24 hr)

Latitude: _____

Sample Collection: Start: 07/29/03 14:30

Longitude: _____

End: 07/29/03 14:30

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
2 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS

Sample Comments:

(N/A)

- Sample collected by Bailer
- collected duplicate, 2102-4-FD

Sample Collected By: 

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 4 QC Code: FD Matrix: Water Tag ID: 2102-4 FD

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-3, Bailer

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)
Latitude: _____ Sample Collection: Start: 01/21/03 14:30
Longitude: _____ End: 01/21/03 14:30

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A)

- Sample collected by Bailer
- duplicate of 2102-4

Sample Collected By: _____

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 5 QC Code: Matrix: Water Tag ID: 2102-5-

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-1, Passive Diffusion Bag Sample

External Sample Number:

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)
Latitude: Sample Collection: Start: 01/29/03 12:00
Longitude: End: 01/29/03 12:00

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A)

- collected sample from passive diffusion bag (PDB)

Sample Collected By:

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 6 QC Code: ___ Matrix: Water Tag ID: 2102-6-___

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-1, Bailer

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: _____

Sample Collection: Start: 01/29/03 15:35

Longitude: _____

End: 01/29/03 15:35

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A)

-sample collected from a bailer

Sample Collected By: _____

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 8 QC Code: ___ Matrix: Water Tag ID: 2102-8-___

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: MW-2, Bailer

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)
Latitude: _____ Sample Collection: Start: 07/29/03 16:30
Longitude: _____ End: 07/29/03 16:30

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS, for Low Detection Limits

Sample Comments:

(N/A)

-sample collected from bailer

Sample Collected By: _____

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 11 QC Code: FB Matrix: Water Tag ID: 2102-11-FB

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: Field Blank

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: _____

Sample Collection: Start: 01/21/03 11:44

Longitude: _____

End: 01/21/03 11:44

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A) Field Blank

Sample Collected By: _____

Sample Collection Field Sheet

US EPA Region 7

Kansas City, KS

ASR Number: 2102 Sample Number: 13 QC Code: FB Matrix: Water Tag ID: 2102-13-FB

Project ID: JRMAWS Project Manager: Jim MacDonald
Project Desc: Atlantic Water Supply - RA/SE sampling
City: Atlantic State: Iowa
Program: Superfund
Site Name: Multi-Site - General Site ID: 07ZZ Site OU: 00

Location Desc: LDL VOA Trip Blank sample

External Sample Number: _____

Expected Conc: (or Circle One: Low Medium High) Date Time(24 hr)

Latitude: _____

Sample Collection: Start: 07/21/03 07:34

Longitude: _____

End: 07/21/03 07:34

Laboratory Analyses:

Container	Preservative	Holding Time	Analysis
4 - 40mL VOA vial	4 Deg C, HCL to pH<2	14 Days	1 VOCs in Water by GC/MS for Low Detection Limits

Sample Comments:

(N/A) Trip Blank

Sample Collected By: _____

**United States Environmental Protection Agency
Region VII
901 N. 5th Street
Kansas City, KS 66101**

Date: __/__/__

Subject: Data Disposition for ASR #: 2102

Project ID: JRMAWS

Project Description: Atlantic Water Supply - RA/SE sampling

From: Jim MacDonald
SUPR/ER&R

To: Dee Simmons
ENSV/RLAB/CATS

I have received and reviewed the Transmittal of Sample Analysis Results for the above-referenced Analytical Services Request(ASR) and have indicated my findings below by checking one of the boxes.

- ☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'RELEASED' so that the electronic form of the data are available on the LAN in R7LIMS for my use. I realize that this will make these results available in read-only form to all Region 7 employees and contractors that have R7LIMS 'Customer' account.
- ☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please change the ASR status to 'PM Available' so that the electronic form of the data are available on the LAN in R7LIMS for my use only.
- ☐ After reviewing the data, I have found that NO CHANGES ARE NECESSARY. Please DO NOT change the ASR status to 'RELEASED' or 'PM Available' as THIS DATA IS OF A SENSITIVE NATURE. I realize that this data will be archived on-line and any future reports or electronic data dumps must be requested through the laboratory.
- ☐ After reviewing the data, I have found that SOME CHANGES ARE NECESSARY. PLEASE MAKE THE CHANGES DETAILED IN THE ATTACHED LIST and re-transmit this data package. I realize that if I wait more than 14 days after the date of the data transmittal the data may already be archived and additional time may be required to make these changes.

LABORATORY CUSTOMER SATISFACTION SURVEY

*Thanks for using our services, we would like to hear how we did.
Please take a few minutes and complete the survey and let us know.
Return completed surveys to Dale Bates, ENSV/RLAB.*

Name: _____

Division/Branch/Section: _____

ASR Number: 2102 Date: _____

Was your data received in a timely manner?					
1	2	3	4	5	
Data was very late		30 day (standard)		Results received before expected	
Was the data usable for its intended purpose?					
1	2	3	4	5	
Of little value		Meets my needs		Exceeded my expectations	
How was communication with the people in the laboratory?					
1	2	3	4	5	<input type="checkbox"/>
Poor and hard to understand		Average		Clear and informative	No communication on this activity
What is your opinion of the RLAB's ability to resolve your problem?					
1	2	3	4	5	<input type="checkbox"/>
Slow and uncaring		Average		Excellent, always available	No problem on this data set
What is your opinion of the process to obtain data (e.g., ASRs, etc.)?					
1	2	3	4	5	
Too much trouble		Neutral		Excellent, indispensable	
What is your confidence in the data results you received?					
1	2	3	4	5	
Troublesome		Acceptable		Very Comfortable	
Comments:					

Code: 4